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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/056,485	01/28/2002	Tetsuya Kusagawa	0445-0317P	5643
2292	7590	03/23/2004	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			REICHLER, KARIN M	
			ART UNIT	PAPER NUMBER
			3761	
DATE MAILED: 03/23/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	10/056,485	KUSAGAWA ET AL.
	Examiner	Art Unit
	Karin M. Reichle	3761

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 20 February 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires 3 months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1,3,4 and 6-11.

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on 20 February 2004 is a) approved or b) disapproved by the Examiner.
9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. Other: See Continuation Sheet

Karin M. Reichle

Karin M. Reichle
Primary Examiner
Art Unit: 3761

Continuation of 2. NOTE: Applicants remarks on page 9 with respect to claim 10 have been noted. Applicant is correct that there were no errors in claim 9. The proposed amendment to claim 1, line 13 raises new issues under 35 USC 112, second paragraph, because the amendment is inconsistent with lines 14-19, i.e. should the amendment have been --while planar--? In any case such would require further consideration because such raises new product by product considerations. Also see Mitzutani '140 at col. 6, lines 24-25.

Applicants remarks with respect to claim 4 have been considered but are deemed narrower than the claim language and the teachings of Mitzutani. For example, col. 6, lines 40-53 disclose that there is an upper layer or thickness of sheet 20 extending from 6 and a lower layer or thickness(layer as defined by the dictionary is a "single thickness")and these layers or thicknesses are what Examiner considers the layers (Note the entire sentence bridging pages 5-6 of the FINAL), i.e. claim does not require two discrete or separate layers, wall 5 has a double thickness. Claim 4 also does not require the entire ridge to have a lower density than the valley, the portion 20c of the ridge has a lower density than 20b in Mitzutani. Note page 6, lines 7-8 of the FINAL.

Continuation of 10. Other: With regard to the disapproval of the Figures see the proposed amendments to the specification which have not been entered.